

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0409.1US	SERIAL NO. 10/616,331
		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2616

SEARCHED & TRADEMAKED DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,471,207	11/1995	Zandi et al. ⁹			
	5,491,728	02/1996	Verhille et al. ¹⁰			
*	5,673,307	09/1997	Holland et al.			
*	5,751,719	05/1998	Chen et al.			
*	5,940,381	08/1999	Freeburg et al.			
*	5,974,036	10/1999	Acharya et al.			
*	6,131,030	10/2000	Schön et al.			
*	6,230,013	05/2001	Wallentin et al.			
*	6,233,454	05/2001	Sato			
*	6,337,983	01/2002	Bonta et al.			
	6,385,184	05/2002	Kitade et al. ¹¹			
*	6,445,917	09/2002	Bark et al.			
*	6,466,556	10/2002	Boudreaux			
*	6,507,572	01/2003	Kumar et al.			
	6,532,364	03/2003	Uchida et al. ²			
	6,546,001	04/2003	Semper et al.			
*	6,553,015	04/2003	Sato			
*	6,553,231	04/2003	Karlsson et al.			
*	6,567,670	05/2003	Petersson ¹²			
	6,621,793	09/2003	Widegren et al.			
	6,678,249	01/2004	Toskala et al.			
	6,681,112	01/2004	Schwarz et al.			
	6,717,927	04/2004	Chao et al.			
*	6,744,778	06/2004	Allpress et al. ¹³			
*	6,839,329	01/2005	Sato et al. ¹⁴			

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		6,901,063	05/2005	Vayanos et al.			
*		6,975,881	12/2005	Sheynman et al. ¹⁵			
*		7,010,318	03/2006	Chang et al. ¹⁶			
*		7,054,633	05/2006	Seo et al. ¹⁷			
*		2001/0012279	08/2001	Haumont et al.			
*		2001/0021180	09/2001	Lee et el.			
*		2001/0046211	11/2001	Maruwaka et al. ¹⁸			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. ¹¹			
		2004/0229626	11/2004	Yi et al. ³			
		2005/0281222	12/2005	Ranta-Aho et al. ⁴			
		2006/0034204	02/2006	Lee et al. ⁵			
		2007/0121542	05/2007	Lohr et al. ⁶			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
*		1378357	11/2002	CN			X**	
*		1 233 638	08/2002	EP				
*		1 263 159	12/2002	EP				
*		11-331208	11/1999	JP			X**	
		2000-115059	04/2000	JP			X**	
		2000-59459	02/2000	JP			X**	

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							YES	NO
		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO ⁷				
*		01/05121	01/2001	WO				
*		01/39408	05/2001	WO				
*		01/50672	07/2001	WO				
*		02/01769	01/2002	WO				
		02/037872	05/2002	WO ⁸				
*		03/005629	01/2003	WO ¹⁹				

OTHER DOCUMENTS

EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
*	MOTOROLA, "HS-DSCH Cell Change", TSG-RAN Working Group 2 Meeting #24, R2-012391, (New York, October 22-26, 2001).
	"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
	"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.12.0 (June 2002).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)," 3GPP TS 25.308 V5.4.0 (March 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

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	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).	
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	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).	

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EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).

X** Abstract only

¹ Corresponds to RU 2003113778² Corresponds to WO 99/17469³ Corresponds to RU 2005137938⁴ Corresponds to RU 2006145199⁵ Corresponds to RU 2006140727⁶ Corresponds to RU 2007114888⁷ Corresponds to JP 2003-501888⁸ Corresponds to JP 2004-519122⁹ Corresponds to RU 2125765¹⁰ Corresponds to RU 2142204¹¹ Corresponds to RU 2005117360¹² Corresponds to TW 477126¹³ Corresponds to TW 408538¹⁴ Corresponds to JP 2001-500675¹⁵ Corresponds to RU 2006-109487¹⁶ Corresponds to RU 2002-124526¹⁷ Corresponds to RU 2251220¹⁸ Corresponds to JP 2001-345879¹⁹ Corresponds to RU 2003-134626

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/TN/		5,471,207	11/1995	Zandi et al. ⁹			
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*		5,974,036	10/1999	Acharya et al.			
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*		6,230,013	05/2001	Wallentin et al.			
*		6,233,454	05/2001	Sato			
*		6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. ¹			
*		6,445,917	09/2002	Bark et al.			
*		6,466,556	10/2002	Boudreaux			
		6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. ²			
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*		6,553,015	04/2003	Sato			
*		6,553,231	04/2003	Karlsson et al.			
*		6,567,670	05/2003	Petersson ¹²			
		6,621,793	09/2003	Widegren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
▼	*	6,744,778	06/2004	Allpress et al. ¹³			
/TN/	*	6,839,329	01/2005	Sato et al. ¹⁴			

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/TN/		6,901,063	05/2005	Vayanos et al.			
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	*	7,054,633	05/2006	Seo et al. ¹⁷			
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		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. ¹¹			
		2004/0229626	11/2004	Yi et al. ³			
		2005/0281222	12/2005	Ranta-Aho et al. ⁴			
▼		2006/0034204	02/2006	Lee et al. ⁵			
/TN/		2007/0121542	05/2007	Lohr et al. ⁶			

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	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
▼		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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							YES	NO
/TN/		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
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	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
↓		02/037872	05/2002	WO ⁸				
/TN/	*	03/005629	01/2003	WO ¹⁹				

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		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
↓		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
/TN/	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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/TN/		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
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		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
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		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
↓		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
/TN/		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

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	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).
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	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.5.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.8.0 (June 2003).
↓	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).

EXAMINER /Toan Nguyen/	DATE CONSIDERED 11/24/2009
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0409.1US	SERIAL NO. 10/616,331
		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2472 2616

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).

X** Abstract only

¹Corresponds to RU 2003113778

²Corresponds to WO 99/17469

³Corresponds to RU 2005137938

⁴Corresponds to RU 2006145199

⁵Corresponds to RU 2006140727

⁶Corresponds to RU 2007114888

⁷Corresponds to JP 2003-501888

⁸Corresponds to JP 2004-519122

⁹Corresponds to RU 2125765

¹⁰Corresponds to RU 2142204

¹¹Corresponds to RU 2005117360

¹²Corresponds to TW 477126

¹³Corresponds to TW 408538

¹⁴Corresponds to JP 2001-500675

¹⁵Corresponds to RU 2006-109487

¹⁶Corresponds to RU 2002-124526

¹⁷Corresponds to RU 2251220

¹⁸Corresponds to JP 2001-345879

¹⁹Corresponds to RU 2003-134626

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2472 2010

PATENT & TRADEMARK OFFICE DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		5,471,207	11/1995	Zandi et al. ⁹			
		5,491,728	02/1996	Verhille et al. ¹⁰			
	*	5,673,307	09/1997	Holland et al.			
	*	5,751,719	05/1998	Chen et al.			
	*	5,940,381	08/1999	Freeburg et al.			
	*	5,974,036	10/1999	Acharya et al.			
	*	6,131,030	10/2000	Schön et al.			
	*	6,230,013	05/2001	Wallentin et al.			
	*	6,233,454	05/2001	Sato			
	*	6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. ¹¹			
	*	6,445,917	09/2002	Bark et al.			
	*	6,466,556	10/2002	Boudreaux			
	*	6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. ²			
		6,546,001	04/2003	Semper et al.			
	*	6,553,015	04/2003	Sato			
	*	6,553,231	04/2003	Karlsson et al.			
	*	6,567,670	05/2003	Petersson ¹²			
		6,621,793	09/2003	Widegren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
V	*	6,744,778	06/2004	Allpress et al. ¹³			
/TN/	*	6,839,329	01/2005	Sato et al. ¹⁴			

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Terry et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		FILING DATE July 9, 2003	GROUP 2472 2646

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. ¹⁵			
	*	7,010,318	03/2006	Chang et al. ¹⁶			
	*	7,054,633	05/2006	Seo et al. ¹⁷			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et el.			
	*	2001/0046211	11/2001	Maruwaka et al. ¹⁸			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. ¹¹			
		2004/0229626	11/2004	Yi et al. ³			
		2005/0281222	12/2005	Ranta-Aho et al. ⁴			
V		2006/0034204	02/2006	Lee et al. ⁵			
/TN/		2007/0121542	05/2007	Lohr et al. ⁶			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
V		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2472 2616

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO ⁷				
	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
↓		02/037872	05/2002	WO ⁸				
/TN/	*	03/005629	01/2003	WO ¹⁹				

OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	MOTOROLA, "HS-DSCH Cell Change", TSG-RAN Working Group 2 Meeting #24, R2-012391, (New York, October 22-26, 2001).
		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
↓	/TN/	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.12.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)," 3GPP TS 25.308 V5.4.0 (March 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
↓ /TN/		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

EXAMINER /Toan Nguyen/	DATE CONSIDERED 11/24/2009
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Terry et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE July 9, 2003	GROUP 2472 2616
(Use several sheets if necessary)			

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)	
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.11.0 (June 2002).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.5.0 (June 2002).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.8.0 (June 2003).	
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).	
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).	

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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2472 2616

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).

X** Abstract only

¹Corresponds to RU 2003113778²Corresponds to WO 99/17469³Corresponds to RU 2005137938⁴Corresponds to RU 2006145199⁵Corresponds to RU 2006140727⁶Corresponds to RU 2007114888⁷Corresponds to JP 2003-501888⁸Corresponds to JP 2004-519122⁹Corresponds to RU 2125765¹⁰Corresponds to RU 2142204¹¹Corresponds to RU 2005117360¹²Corresponds to TW 477126¹³Corresponds to TW 408538¹⁴Corresponds to JP 2001-500675¹⁵Corresponds to RU 2006-109487¹⁶Corresponds to RU 2002-124526¹⁷Corresponds to RU 2251220¹⁸Corresponds to JP 2001-345879¹⁹Corresponds to RU 2003-134626

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		FILING DATE July 9, 2003	GROUP 2472 2010



U.S. PATENT DOCUMENTS							
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/TN/		5,471,207	11/1995	Zandi et al. ⁹			
		5,491,728	02/1996	Verhille et al. ¹⁰			
*		5,673,307	09/1997	Holland et al.			
*		5,751,719	05/1998	Chen et al.			
*		5,940,381	08/1999	Freeburg et al.			
*		5,974,036	10/1999	Acharya et al.			
*		6,131,030	10/2000	Schön et al.			
*		6,230,013	05/2001	Wallentin et al.			
*		6,233,454	05/2001	Sato			
*		6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. ¹¹			
*		6,445,917	09/2002	Bark et al.			
*		6,466,556	10/2002	Boudreaux			
*		6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. ²			
		6,546,001	04/2003	Semper et al.			
*		6,553,015	04/2003	Sato			
*		6,553,231	04/2003	Karlsson et al.			
*		6,567,670	05/2003	Petersson ¹²			
		6,621,793	09/2003	Widegren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
▼	*	6,744,778	06/2004	Allpress et al. ¹³			
/TN/	*	6,839,329	01/2005	Sato et al. ¹⁴			

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/TN/	*	6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. ¹⁵			
	*	7,010,318	03/2006	Chang et al. ¹⁶			
	*	7,054,633	05/2006	Seo et al. ¹⁷			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et al.			
	*	2001/0046211	11/2001	Maruwaka et al. ¹⁸			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. ¹¹			
		2004/0229626	11/2004	Yi et al. ³			
		2005/0281222	12/2005	Ranta-Aho et al. ⁴			
▼		2006/0034204	02/2006	Lee et al. ⁵			
/TN/		2007/0121542	05/2007	Lohr et al. ⁶			

FOREIGN PATENT DOCUMENTS

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							YES	NO
/TN/	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
▼		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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/TN/		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO ⁷				
	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
↓		02/037872	05/2002	WO ⁸				
/TN/	*	03/005629	01/2003	WO ¹⁹				

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		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
↓		3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
/TN/	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
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		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
↓		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
/TN/		3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0409.1US	SERIAL NO. 10/616,331
		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2472 8010

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)	
/TN/	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.11.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.5.0 (June 2002).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.8.0 (June 2003).	
	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).	
/TN/	*	3GPP, "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).	

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0409.1US	SERIAL NO. 10/616,331
		APPLICANT Terry et al.	
		FILING DATE July 9, 2003	GROUP 2472 2616

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).

X** Abstract only

¹ Corresponds to RU 2003113778

² Corresponds to WO 99/17469

³ Corresponds to RU 2005137938

⁴ Corresponds to RU 2006145199

⁵ Corresponds to RU 2006140727

⁶ Corresponds to RU 2007114888

⁷ Corresponds to JP 2003-501888

⁸ Corresponds to JP 2004-519122

⁹ Corresponds to RU 2125765

¹⁰ Corresponds to RU 2142204

¹¹ Corresponds to RU 2005117360

¹² Corresponds to TW 477126

¹³ Corresponds to TW 408538

¹⁴ Corresponds to JP 2001-500675

¹⁵ Corresponds to RU 2006-109487

¹⁶ Corresponds to RU 2002-124526

¹⁷ Corresponds to RU 2251220

¹⁸ Corresponds to JP 2001-345879

¹⁹ Corresponds to RU 2003-134626

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